SEQUENCE LISTING

<110> Van Urk, Hendrik
Mead, David John
Morton, Philip Harvey
Cartwright, Andrew John
Cameron, Jason
Ballance, David James
Grandgeorge, Michel Gaston Joseph
Berezenko, Stephen
Woodrow, John Rodney
Sleep, Darrell
Veron, Jean-Luc Bernard

<120> Process for the Purification of Recombinant Albumin

<130> CE0253 US

<140> 09/890,297
<141> 2002-01-04

<150> PCT/GB00/00257
<151> 2000-01-31

<160> 16

<170> PatentIn version 3.2

<210> 1
<211> 423
<212> DNA
<213> Artificial

<220>
<223> homologous to sequence encoding Saccharomyces cerevisiae PMT1 gene

<400> 1
gattggcaga agaggtatct gcttatggac atgaggggct ttggcggtga tgccaatgat 60

gactttgttg tggagattgc caaggatctt tcaactactg aagaagctaa ggaaaacgtt 120

agggccattc aaactgtttt tagattgaga catgcgatga ctggttgtta cttgttctcc 180

cacgaagtca agcttcccaa gtgggcatat gagcaacaag aggttacttg tgctactcaa 240

ggtatcaaac cctatcttac tggtacgttg agaccaacga aaacccattc ttggataaag 300

aggttgatga aatagttagc tatcctgttc cgactttctt tcaaaggttg ccgactcacg 360

ccagaatgtg gaagatcaac aaggcttact gatcatatgc tatgaatcca gtccagatct 420

tgg 423

<210> 2
<211> 454
<212> DNA
<213> Artificial

<220>
<223> homologous to sequence encoding Saccharomyces cerevisiae PMT1 gene

<400> 2
gtgttgcagt tgtagtccca cttgagtatc ttggattcgt tgcattggtc cttggtccat 60

cgtcctgcat agatcaatgg gagaatatct ttggaagata gaaagcgcaa cggcaaaaaa 120

gagaacgaat atggagtaag acacaacctg tttgtttttg aagacataag agtgaataat 180

ctcaaacaca tgtccgagag ccaatatacc aaagtacaat gatggtagat agtggtgcaa 240

aaatagctga cgggccataa gggaaagatg gcaagtaatg cagtacccat cctaggatgt 300

aatgaagcat ttgaacattg aagttgagca cagttgggtc aacgctgaac ccaaaacctc 360

tttgcctctc agaatagaga aaccaaaaag acagagaaca aagcatactt gcggtgactg 420

tcaccaagtg acagcattcc tatgaaataa attg 454

<210> 3
<211> 408
<212> DNA
<213> Artificial

<220>
<223> homologous to sequence encoding Saccharomyces cerevisiae PMT7 gene

<400> 3
tacgttatgg atgtgcatcc acttcctgaa gcttctcatc ggcaaccttt tgaatctgca 60

atttattatc ttcattgaag gcaagcttga acactttgac ggtagaaaga cgagcgacaa 120

ccaagaattg cccgtcagaa gtgagatcac aatgggtgat gttgtcctca tcgcttagga 180

ccagtttggc taatagtttt ctgccttgct gaggaaggac tttccatact ttaatggttt 240

ggtcttgccc atgatcacca gcttctggga tttattgaaa aggacagttt gatcgtttca 300

gggaatactg acagtctttg aatttcgcag tcttgaaacg attcagctta gaaacggcta 360

tgtctgacaa tgatgcttca gatagtacag atcgaggtcc tggattgg 408

<210> 4
<211> 350
<212> DNA
<213> Artificial

<220>
<223> homologous to sequence encoding Saccharomyces cerevisiae PMT7 gene

<400> 4
gcgcaggtga cttcttgctg gaaaatgtgc tacaaggagg taaagaccgt gtcattgagg 60

gcctggtttg gtctacttat gacgattacc ctcgtcgtct gttttccatt ggtggttcga 120

ctgtgatgac cgaatgggat attgctaccg gtttgccctt aaacaactac gattgtaact 180

ccggtatcac ctggagtatc agcatcaaca caactcagga taagatatgc gtaggctgtg 240

acaatggaac tgtagtcgtt attgacataa gtggtggacc gggatctcta gtataagaaa 300

attgtatccg gatgttctga tggccgataa ggatatggaa tacgaggaag 350

<210> 5
<211> 391
<212> DNA
<213> Artificial

<220>
<223> homologous to sequence encoding Saccharomyces cerevisiae PMT7 gene

<400> 5

gtattgcagt tgtagtccca gaatgaattg ctcttttaat tgttcttttt ggctggagaa 60

gtgctcgtat gtcttgatcg atgagataca gctgagattt aagttgttct aggttgatag 120

ttgaatgttc agagttgagg ggttccatgg tcaagtatag gaggatccag ctcatctagg 180

gagtggaatt gagtactgac actcattact ggaagaagta gaaagagtac tggttttgtg 240

gtaagttcca tatttcagat gtctgtagat ggtcgagcga ggtgaacatt tcataggaga 300

tttcagagga gttggacttt gaaaatggtg acaaaaggta gacagaagaa aggttagaga 360

gtgcagtgat tcaaggtggt tgcagaagtc c 391

<210> 6
<211> 391
<212> DNA
<213> Artificial

<220>
<223> homologous to sequence encoding Saccharomyces cerevisiae PMT7 gene

<400> 6
gtattgcagt tgtagtccca gaatgaattg ctcttttaat tgttcttttt ggctggagaa 60

gtgctcgtat gtcttgatcg atgagataca gctgagattt aagttgttct aggttgatag 120

ttgaatgttc agagttgagg ggttccatgg tcaagtatag gaggatccag ctcatctagg 180

gagtggaatt gagtactgac actcattact ggaagaagta gaaagagtac tggttttgtg 240

gtaagttcca tatttcagat gtctgtagat ggtcgagcga ggtgaacatt tcataggaga 300

tttcagagga gttggacttt gaaaatggtg acaaaaggta gacagaagaa aggttagaga 360

gtgcagtgat tcaaggtggt tgcagaagtc c 391

<210> 7
<211> 386
<212> DNA
<213> Artificial

<220>
<223> homologous to sequence encoding Saccharomyces cerevisiae PMT5 gene

<400> 7
agattgagac atgctatgac gggttgttac ttgttctccc gcgaagtcaa gcttcccaag 60

tgggcatatg agcaacaaga ggttacttgt gctactcaag ggtatcaaac cactatctta 120

ctggtacgtt gagaccaacg aaaacccatt cttggataaa gaggttgatg aaatagttag 180

ctatcctgtt ccgactttct ttcaaaaggt tgccgagcta cacgccagaa tgtggaagat 240

caacaagggc ttaactgatc atcatgtcta tgaatccagt ccagattctt ggcccttcct 300

gtcagaggta taagctactg gtcaaaaaat cactccaaat tatttcatag gtaatgctgc 360

acttggtgga cagtcaccga agtttg 386

<210> 8
<211> 406
<212> DNA
<213> Artificial

<220>
<223> homologous to sequence encoding Saccharomyces cerevisiae PMT5 gene

<220>
<221> misc_feature
<222> (122)..(122)
<223> n is a, c, g, or t

<400> 8
gtgttgcagt tgtagtccca cttgagtatc ttggattcgt tgcattggtc cttggtccat 60

cgtcctgcat agatcaatgg gagaatatct ttggaagaag aaagcgcaac ggcaaaaaag 120

anaacgaata tggagtaaga cacaacctgt ttgtttttga agacataaga gtgaataatc 180

tcaaacacat gtccgagagc caatatacca aagtacaatg atggtagata gtgggtgcaa 240

aaatagctga cgggccataa ggaaagatgg caagtaatgc agtacccatc ctaggatgta 300

atgaagcatt tgaacattga agttgaacac agttgggtca acgctgaacc caaaacctct 360

ttgccatctc agaatagaga aaaccaaaaa gacagagaac aaagca 406

<210> 9
<211> 21
<212> DNA
<213> Artificial

<220>
<223> modified albumin coding sequence

<400> 9
ttaggcttat aataagctta a 21

<210> 10
<211> 39
<212> DNA
<213> Artificial

<220>
<223> oligonucleotide used for PCR mutagenesis

<400> 10
gcataagctt tggacttctt cgccagaggt ttggtcaag 39

<210> 11
<211> 48
<212> DNA
<213> Artificial

<220>
<223> oligonucleotide used for PCR mutagenesis

<400> 11
gcatggatcc gcggccgcga tccgtgtgga agaacgatta caacaggt 48

<210> 12
<211> 30
<212> DNA
<213> Artificial

<220>
<223> oligonucleotide used for PCR mutagenesis

<400> 12

agtccaagct taattcttat gatttatgat 30

<210> 13
<211> 17
<212> DNA
<213> Artificial

<220>
<223> oligonucleotide used for PCR mutagenesis

<400> 13
gttttcccag tcacgac 17

<210> 14
<211> 29
<212> DNA
<213> Artificial

<220>
<223> linker sequence

<400> 14
ttaagagtcc aagccttagg cttataata 29

<210> 15
<211> 29
<212> DNA
<213> Artificial

<220>
<223> linker sequence

<400> 15
agcttattat aagcctaagg cttggactc 29

<210> 16
<211> 4
<212> PRT
<213> Artificial

<220>
<223> portion of peptide encoded by linker sequence

<400> 16

Ala Leu Gly Leu
1